

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| L1    | 2    | ("5705464").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/09/16 09:00 |
| L2    | 2    | ("5710115").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/09/16 09:00 |
| L3    | 2    | ("5698504").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/09/16 09:00 |
| L4    | 2    | ("5695679").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/09/16 09:00 |
| L5    | 2    | ("5686014").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/09/16 09:00 |
| L6    | 2    | ("5646101").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/09/16 09:01 |
| L7    | 1    | 1 and (control\$4 near5 ph)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2005/09/16 09:01 |
| L8    | 777  | ((("aluminum trihydrate" or "aluminum hydroxide" or "alumina hydrate" or "aluminum hydrate" or "amorphous alumina" or "ATH" or boehmite or "hydrated alumina") same ("titanium dioxide" or "titanium oxide" or titania)) same "particle size" | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2005/09/16 09:04 |
| L9    | 295  | 8 and (slurry or suspension)  | US-PGPUB;<br>USPAT                                    | OR               | ON      | 2005/09/16 09:31 |

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| L10 | 295  | ((("aluminum trihydrate" or "aluminum hydroxide" or "alumina hydrate" or "aluminum hydrate" or "amorphous alumina" or "ATH" or boehmite or "hydrated alumina") same "particle size") and 9                   | US-PGPUB;<br>USPAT                                    | OR | ON  | 2005/09/16 09:04 |
| L11 | 49   | ((("aluminum trihydrate" or "aluminum hydroxide" or "alumina hydrate" or "aluminum hydrate" or "amorphous alumina" or "ATH" or boehmite or "hydrated alumina") near10 "particle size") and 9                 | US-PGPUB;<br>USPAT                                    | OR | ON  | 2005/09/16 09:11 |
| L12 | 1441 | ("aluminum trihydrate" or "aluminum hydroxide" or "alumina hydrate" or "aluminum hydrate" or "amorphous alumina" or "ATH" or boehmite or "hydrated alumina") near10 ("particle size" or "particle diameter") | US-PGPUB;<br>USPAT                                    | OR | ON  | 2005/09/16 09:13 |
| L13 | 702  | 12 and ("titanium oxide" or "titanium dioxide" or titania)   | US-PGPUB;<br>USPAT                                    | OR | ON  | 2005/09/16 09:13 |
| L14 | 41   | 13 and (hectorite or laponite or lucenite or lucentite)  | US-PGPUB;<br>USPAT                                    | OR | ON  | 2005/09/16 09:14 |
| L15 | 26   | 14 and (disperant or dispersing)   | US-PGPUB;<br>USPAT                                    | OR | ON  | 2005/09/16 09:17 |
| L16 | 26   | 14 and (dispersant or dispersing)  | US-PGPUB;<br>USPAT                                    | OR | ON  | 2005/09/16 09:30 |
| L17 | 0    | (423/610and423/625).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/09/16 09:30 |
| L18 | 661  | (423/610).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/09/16 09:30 |
| L19 | 1141 | (423/625).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/09/16 09:30 |
| L20 | 56   | 18 and 19  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/09/16 09:30 |
| L21 | 22   | 20 and (slurry or suspension)  | US-PGPUB;<br>USPAT                                    | OR | ON  | 2005/09/16 09:31 |
| L22 | 4943 | (slurry or suspension) same titani\$2 same alumin\$2   | US-PGPUB;<br>USPAT                                    | OR | ON  | 2005/09/16 09:32 |

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| L23 | 5535 | (slurry or suspension) same titani\$2<br>same alumin\$2           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/16 09:32 |
| L24 | 108  | 23 and ((dispersant or dispersing)<br>same acrylic)               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/16 09:36 |
| L25 | 11   | 24 and (hectorite or laponite or<br>lucenite or lucentite)        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/16 09:40 |
| L26 | 11   | 25 and biocide  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/16 09:33 |
| L27 | 57   | 24 and clay   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/16 09:37 |
| L28 | 86   | 23 and (hectorite or laponite or<br>lucenite or lucentite)        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/16 09:40 |
| L29 | 14   | 28 and (biocide or fungicide or<br>germicide)                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/16 09:42 |
| L30 | 136  | 18 and ((slurry or suspension) same<br>titani\$2)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/16 09:45 |
| L31 | 46   | 18 and ((slurry or suspension) same<br>alumin\$2)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/16 09:43 |
| L32 | 35   | 18 and ((slurry or suspension) same<br>(alumin\$2 and titani\$2)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/16 09:46 |
| L33 | 17   | 19 and ((slurry or suspension) same<br>(alumin\$2 and titani\$2)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/09/16 09:46 |